

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 8

1595 Wynkoop Street Denver, Colorado 80202-1129 Phone 800-227-8917 www.epa.gov/region8

Ref: 8ENF-W-SD April 5, 2022

# SENT VIA EMAIL RETURN RECEIPT REQUESTED

Arlene Valliquette, Regulatory Manager Merit Energy Company, LLC (Permittee and Operator of Record) 13727 Noel Road, Suite 1200 Dallas, TX 75240

Email: Arlene.Valliquette@meritenergy.com

Re: Underground Injection Control (UIC); Approval of Plugging and Abandonment (P&A) Plan for Seven Class II Injection Wells Circle Ridge Field, Fremont County, Wyoming

#### Dear Ms. Valliquette:

On March 29, 2022, and April 4, 2022, the U.S. Environmental Protection Agency received from Permittee and Operator of Record revisions to seven proposed P&A plans. The revised P&A plans, which address the seven wells listed below, have been reviewed and are approved.

Well Name	EPA Permit/ID Number	API Number	P&A Plan Date
Shoshone 65-20	WY20000-02169	49-013-06833	March 29, 2022
Shoshone 65-25	WY20000-02170	49-013-06830	March 28, 2022
Shoshone 65-38	WY20000-02177	49-013-06845	March 28, 2022
Shoshone 65-41	WY20000-02179	49-013-06839	March 29, 2022
Shoshone 65-42	WY20000-02182	49-013-06851	March 28, 2022
Shoshone 65-77A	WY20521-02119	49-013-21637	April 4, 2022
Shoshone 65-68	WY20837-02175	49-013-21497	April 4, 2022

Within sixty (60) days of plugging a well, please complete and submit to the EPA a plugging record as required by Title 40 of the Code of Federal Regulations Section 144.28(k), or as required by the above-referenced permits at part II(E). The link to the EPA form to use (EPA Form 7520-19) is found at <a href="https://www.epa.gov/uic/underground-injection-control-reporting-forms-owners-or-operators">https://www.epa.gov/uic/underground-injection-control-reporting-forms-owners-or-operators</a>.

Any failure to comply with the UIC regulations or a UIC permit is subject to enforcement by the EPA, as provided in section 1423 of the Safe Drinking Water Act, 42 U.S.C. § 300(h)(2).

If you have any questions about this letter, please contact me by telephone at (303) 312-6211 or email at wiser.nathan@epa.gov. Please direct any U.S. mail in this matter to my attention at Mail Code 8ENF-W-SD.

Sincerely,

NATHAN WISER Digitally signed by NATHAN WISER Date: 2022.04.05 07:11:56 -06'00'

Nathan Wiser, UIC Program
Safe Drinking Water Enforcement Branch
Enforcement and Compliance Assurance Division

## Enclosures (7 Plugging and Abandonment Plans)

ce: John St. Clair, Chairman Eastern Shoshone Tribe jstclair@easternshoshone.org

> Phoebe Wilson, Tribal Admin Assistant Eastern Shoshone Tribe pawilson@easternshoshone.org

Jordan Dresser, Chairman Northern Arapaho Tribe jordan.dresser@northernarapaho.com

Dean Goggles, Environmental Director Northern Arapaho Tribe dean.goggles@northemarapaho.com



## Plug and Abandonment Procedure

#### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 330' FSL & 1,060' FEL Section 36 T7N R3W

Lat/Long: 43.5336, -109.05592

API#: 4901306833

Ground level elevation	7,217'	KB Elevation:	7,229'		
TD:	1,148'	PBTD:	1,148'		
Surface Casing:	9-5/8", 25.7 #/ft, @ 74'				
Surface Casing Cement:	75 sx				
Surface Casing TOC:	Surface Source: Drilling Report				
Production Casing; Liner:	5-1/2" 14.0 #/ft, J-55, @ 905' 4-1/2" 11.6 #/ft, K-55 @ 847'				
Production Casing Cement Liner Cement	75 sx 55 sx Class G				
Production Casing TOC Liner TOC	567' Surface	Source:	Calculation Workover Report		
Production Tubing	2-7/8" 6.5 #/ft tubing and packer				
Open perforations	Phosphoria OH: 905' – 1,148'				
Well Status	Shut In Injector				

**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to the bottom of the liner @ 847'.
- 3. Set CICR 50' above the bottom of the liner at 797'.
- 4. Pump 1.5x wellbore volume (40 sx) of cement below CICR.
- 5. Sting out of CICR, pump 16 sx on top of retainer (TOC = 560').
- 6. WOC 24 hours.
- 7. Pressure test casing to a minimum of 500 psi for 10 minutes.
- 8. Perforate at 525' thru 4.5" Liner and 5.5" production CSG.
- 9. Pump 1.5x wellbore and 5.5"x4.5" annular volume of cement to surface through 5.5" leaving balanced plug inside 4.5" to surface.
- 10. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 12.11. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

WEST ENERGY COMFAMY
Field: Circle Ridge
Total Depth

Report Printed: 1/28/2022

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Well: Shoshone 65 20
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130683300

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,217.00 KB Elevation: 7,229.00 On Production Date: 7/25/1953

Location: SW/SE, SEC36, TN, R3W SHOSHONE-65 20, 1/28/2022 1:59:16 PM MD (ftKB) Vertical schematic (actual) -31.1 -12.1 10.4 A BRANCON DINAMBANA 12.1 32.8 9 5/8; 12.0-74.0 Des:Surface Casing Cement; Depth MD:12.0-80.0 ftKB; Date:1/27/1953; Com:75 sacks regular ideal cement, 15.5# slurry. Good returns.; Top MD:12.0 ftKB; Btm MD:80.0 ftKB 53.5 74.1 76.1 78.1 80.1 85.1 95.1 1-1; Tubing; 2 3/8; 2.00; 7.0-818.0; 811.00 252.4 4 1/2; 12.0-847.0

Des:Production Casing Cement; Depth MD:12.0-847.0 ftKB; Date:3/20/1986; Com:55 sacks Class "G" with 2% CaCl2 and 1% CFR-2. TOC at surface (returns).; Top MD:12.0 ftKB; Btm MD:847.0 ftKB 409.7 5 1/2; 12.0-905.0 566.9 639.7 712.4 Des:Production Casing Cement; Depth MD:567.0-905.0 ftKB; Date:2/9/1953; Com:50 sacks reg. ideal cement, 2% CaCl2, 15.5# slurry, 800 psi final pressure to 567' by calculation.; Top MD:567.0 ftKB; Btm MD:905.0 ftKB Dinwoody; 785.0 785.1 796.0 807.0 817.9 818.9 1-2; Packer; 2 3/8; 818.0-821.0; 3.00 819.9 m I m 820.9 829.6 838.4 847.1 866.4 885.6 Phosphoria: 905.0-1.148.0: 243.00 904.9 982.0 1,059.1 1,136.2 1,140.1 Fill; 1,136.0-1,148.0 1,144.0 1,148.0 1,167.0 1,186.0



Plug and Abandonment Procedure Revised 3/28/2022

### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 253' FSL & 312' FEL Section 36 T7N R3W

Lat/Long: 43.53389, -109.05815

API#: 4901306830

Ground level elevation	7,215'	KB Elevation:	7,224'			
TD:	2,450'	PBTD:	1,470'			
Surface Casing:	10-3/4", 32.75 #/ft, H-40 @	10-3/4", 32.75 #/ft, H-40 @ 164'				
Surface Casing Cement:	100 sx	100 sx				
Surface Casing TOC:	Surface <b>Source:</b> Drilling Report					
Production Casing; Liner		5-1/2", 14.0 #/ft, J-55, @ 1,214' 4-1/2", 11.6 #/ft, K-55 @ 1,137'				
Production Casing Cement Liner Cement	85 sx 52 sx Class G					
Production Casing TOC Liner TOC	Surface (Remedial Job) Surface Surface Source: Workover Report Workover Report					
Production Tubing	2-7/8" 6.5 #/ft tubing and p	2-7/8" 6.5 #/ft tubing and packer				
Open perforations	Phosphoria OH: 1,214' – 1	Phosphoria OH: 1,214' – 1,470'				
Well Status	Shut In Injector	Shut In Injector				

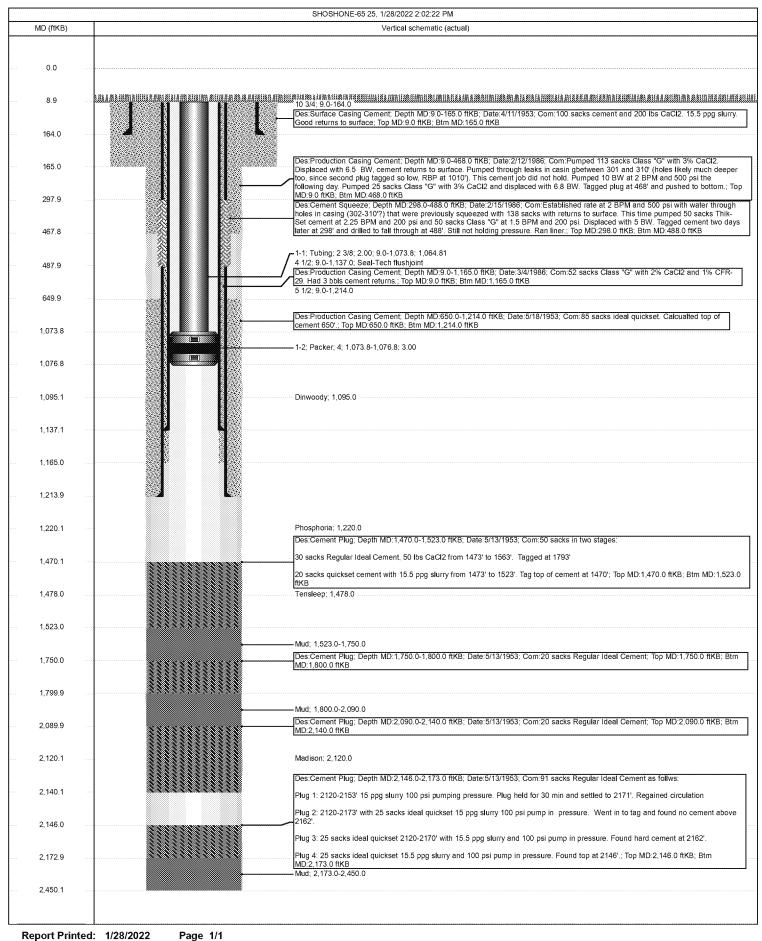
**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to the bottom of the liner at 1,137'.
- 3. Set CICR 50' above the top of the openhole section at 1,087'.
- 4. Sting into CICR and pump 1.5x wellbore volume (135 sx) of cement below CICR.
- 5. Sting out of CICR, pump 25 sx on top of retainer (TOC = 875').
- 6. WOC 24 hours. This step has been deemed to be not necessary and is removed
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. Pump balanced plug from 200' to surface inside production casing.
- 9. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 10. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

MENT ENERGY COMFARY
Field: Circle Ridge
Total Depth
Location:

Well: Shoshone 65 25
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130683000

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,215.00 KB Elevation: 7,224.00 On Production Date: 11/1/2000





Plug and Abandonment Procedure Revised 3/28/2022

#### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 0' FNL & 0' FEL Section 36 T7N R3W

Lat/Long: 43.5354, -109.05777

API#: 4901306845

Ground level elevation	7,229'	KB Elevation:	7,238'		
TD:	4,030'	PBTD:	1,192'		
Surface Casing:	13-3/8" 48.0 #/ft @ 154'	13-3/8" 48.0 #/ft @ 154'			
Surface Casing Cement:	100 sx	100 sx			
Surface Casing TOC:	Surface	Surface Source: Drilling Report			
Production Casing;	5-1/2" 14.0, 15.5, & 17.0 #/	5-1/2" 14.0, 15.5, & 17.0 #/ft @ 1,217'			
Production Casing Cement	100 sx				
Production Casing TOC	715' Surface (Remedial Job)	Cource.			
Production Tubing	2-7/8" 6.5 #/ft tubing and pa	2-7/8" 6.5 #/ft tubing and packer			
Open perforations	Embar: 882' – 1,152'	Embar: 882' – 1,152'			
Well Status	Shut In Injector	Shut In Injector			

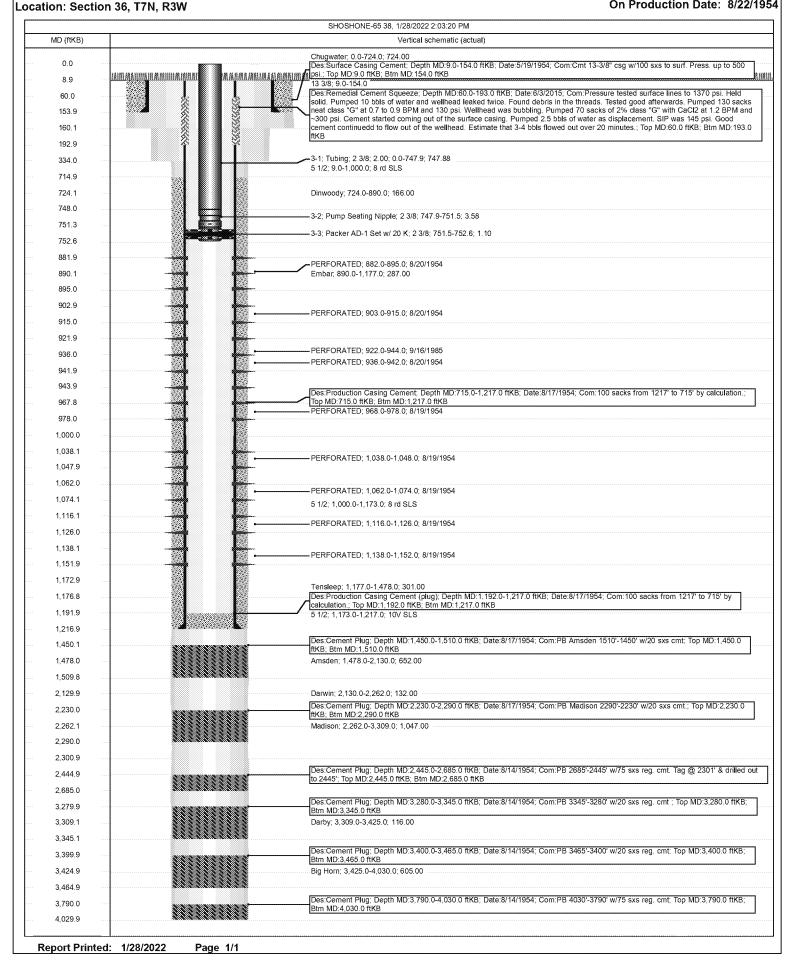
**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to PBTD.
- 3. Set CICR 50' above the top perforation @ 832'.
- 4. Pump 1.5x wellbore volume (60 sx) of cement below CICR.
- 5. Sting out of CICR, pump 25 sx on top of retainer (TOC = 620').
- 6. WOC-24-hours. This step has been deemed to be not necessary and is removed
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. RIH with 2 3/8" 4.9#/ft tubing to 200' below surface.
- 9. Pump balance plug from 200' to surface inside production casing.
- 10. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 11. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

MERIT ENERGY COMPANY
Field: Circle Ridge
Total Depth

Well: Shoshone 65 38
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130684500

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,229.00 KB Elevation: 7,238.00 On Production Date: 8/22/1954





## Plug and Abandonment Procedure

#### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 330' FSL & 2,310' FEL Section 36 T7N R3W

Lat/Long: 43.5336, -109.06064

API#: 4901306839

Ground level elevation	7,195'	KB Elevation:	7,2	204'	
TD:	1,706'	PBTD:	1,490'		
Surface Casing:	None				
Surface Casing Cement:	N/A				
Surface Casing TOC:	N/A <b>Source:</b> N/A				
Production Casing; Liner:	5-1/2" 14.0 #/ft, J-55, @ 1,693" 4-1/2" 11.6 #/ft, K-55 @ 1,261"				
Production Casing Cement Liner Cement	100 sx Stratalite cement 55 sx Class G	through shoe + 90 sx Re	egular through 2 st	age at 1,267'	
Production Casing TOC Liner TOC	432' Surface	Source:	Calculation Workover R	eport	
Production Tubing	2-7/8" 6.5 #/ft tubing and packer				
Open perforations	Embar: 1,308' – 1,406' Embar: 1,544' – 1,660' (TA'd under permanent bridge plug @ 1,490')				
Well Status	Shut In Injector				

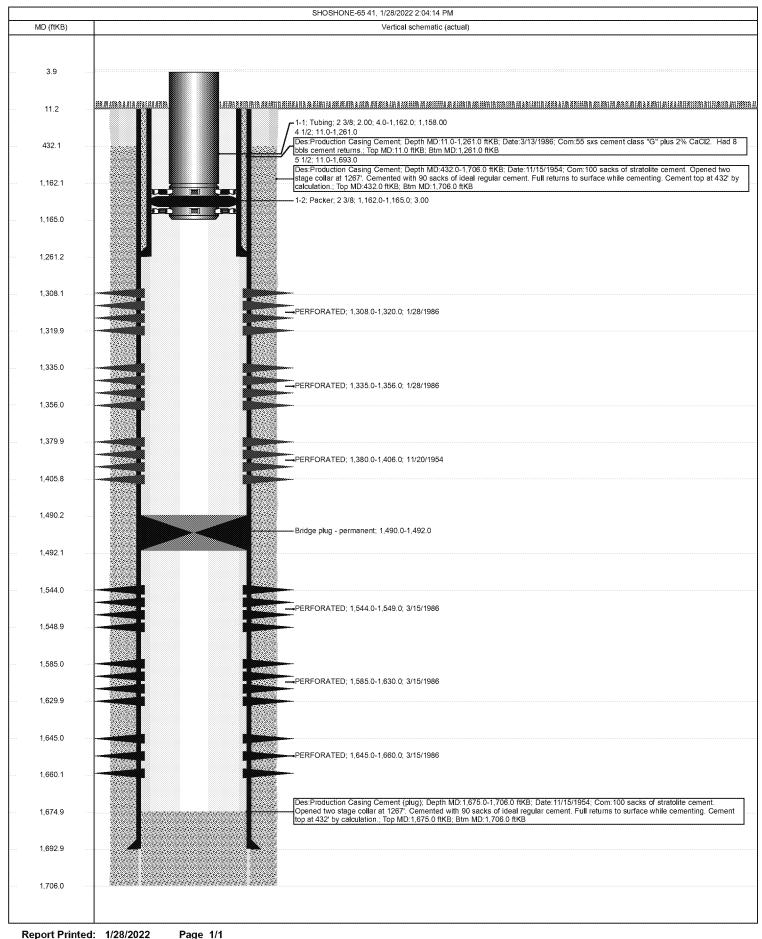
**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to the bottom of the liner @ 1,261'.
- 3. Set CICR 50' above the the bottom of the liner at 1,211'.
- 4. Pump 1.5x wellbore volume (35 sx) of cement below CICR.
- 5. Sting out of CICR, pump 25 sx on top of retainer (TOC = 926').
- 6. WOC 24 hours.
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. Perforate at 400' thru 4.5" Liner and 5.5" production CSG.
- 9. Pump 1.5x wellbore and 5.5"x4.5" annular volume of cement to surface through 5.5" leaving balanced plug inside 4.5" to surface.
- 10. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 12 11. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

MENT ENERGY COMFANY
Field: Circle Ridge
Total Depth
Location:

Well: Shoshone 65 41
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130683900

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,195.00 KB Elevation: 7,206.00 On Production Date: 3/1/1986





Plug and Abandonment Procedure Revised 3/28/2022

### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 1,677' FSL & 2,350' FEL Section 36 T7N R3W

Lat/Long: 43.53728, -109.06079

API #: 4901306851

Ground level elevation	7,254'	KB Elevation:	7,263'			
TD:	1,150'	PBTD:	1,124'			
Surface Casing:	None	None				
Surface Casing Cement:	N/A	N/A				
Surface Casing TOC:	N/A	N/A <b>Source:</b> N/A				
Production Casing;	5-1/2" 14.0 #/ft @ 1,14	5-1/2" 14.0 #/ft @ 1,149'				
Production Casing Cement		70 sx Stratalite cement through shoe 70 sx Regular through 2 stage at 827'				
Production Casing TOC	362'	362' Source: Calculation				
Production Tubing	2-7/8" 6.5 #/ft tubing ar	2-7/8" 6.5 #/ft tubing and packer				
Open perforations	Embar: 854' – 1,114'	Embar: 854' – 1,114'				
Well Status	Shut In Injector	Shut In Injector				

Note: All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

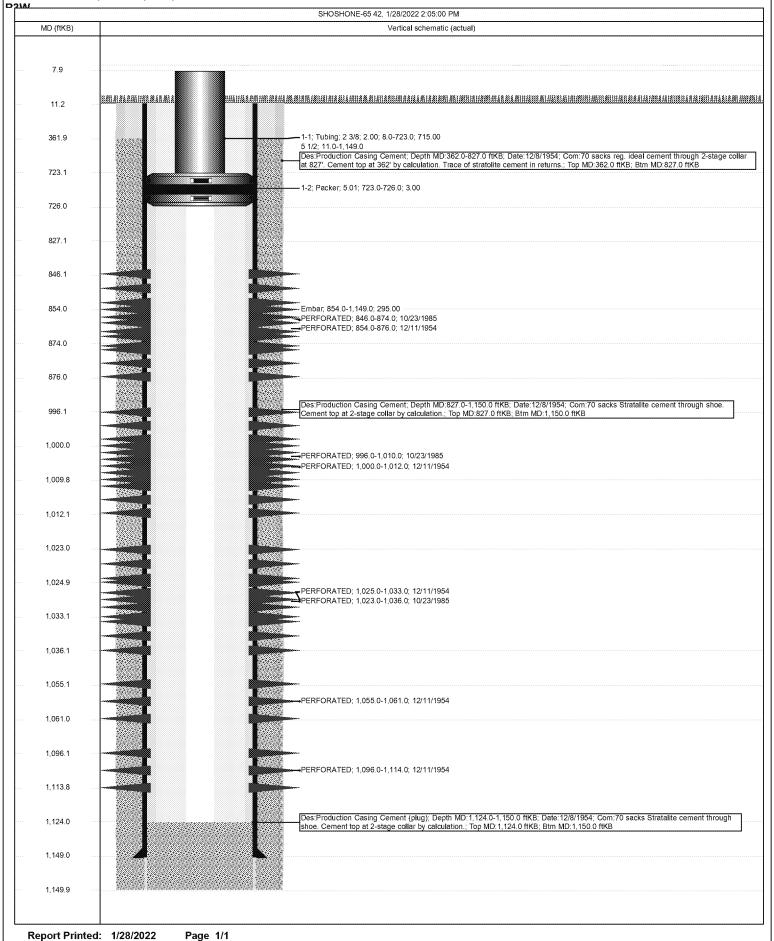
- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to PBTD.
- 3. Set CICR 50' above the top perf @ 804'.
- 4. Pump 1.5x wellbore volume (55 sx) of cement below CICR.
- 5. Sting out of CICR, pump 25 sx on top of retainer (TOC = 592').
- 6. WOC-24 hours. This step has been deemed to be not necessary and is removed
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. Perforate circulation hole 200' from surface in production casing.
- 9. RIH with 2 3/8" 4.9# tubing to 190' below surface and circulate cement to surface outside Production casing through perforation.
- 10. Pump balanced plug to surface inside production casing.
- 11. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 12. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

NEST ENERGY COMPANY
Field: Circle Ridge
Total Depth

Well: Shoshone 65 42
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490130685100

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,254.00 KB Elevation: 7,265.00 On Production Date: 1/1/1997

Location: NW/SE, SEC 36, T7N,





## Shoshone 65-77A

## Plug and Abandonment Procedure

#### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 2,074' FSL & 1,444' FEL Section 36 T7N R3W

Lat/Long: 43.53838, -109.05756

API#: 4901321637

Ground level elevation	7,294'	KB Elevation:	7,305'			
TD:	2,100'	PBTD:	2,069'			
Surface Casing:	8-5/8", 24 #/ft, J-55, @ 20	8-5/8", 24 #/ft, J-55, @ 203'				
Surface Casing Cement:	153 sx Class G cement					
Surface Casing TOC:	Surface	Source:	Drilling Report			
Production Casing;	5-1/2", 15.5 #/ft, K-55, @	5-1/2", 15.5 #/ft, K-55, @ 2,062'				
<b>Production Casing Cement</b>	392 sx Class G & Thixoti	ropic Cement in 2 stages w	/ Stage Tool @ 1,257'			
<b>Production Casing TOC</b>	250'	Source:	CBL			
Production Tubing	No tubing in the well					
Open perforations	Tensleep Perfs: 1,960' -	Tensleep Perfs: 1,960' – 2,049' (TA'd under CICR @ 1,900')				
Well Status	Shut In Injector	Shut In Injector				

**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to the top of the CICR @ 1,900'.
- 3. Sting into CICR and pump 1.5x wellbore volume (30 sx) of cement below CICR.
- 4. Sting out of CICR, pump 25 sx on top of retainer (TOC = 1,683').
- 5. WOC 24 hours.
- 6. Move uphole and spot a balanced cement plug from 368-468' with 12 sx cmt of 1.16 yield cement.
- 7. WOC and tag plug
- 8. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 9. Perforate circulation hole 200' from surface in production casing.
- 10. RIH with 2-3/8" 4.9# tubing to 190' below surface and circulate cement to surface outside Production casing through perforation.
- 11. Pump balanced plug to surface inside production casing.
- 12. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- $_{14}$ 13. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

NEBIT ENERGY COMPANY
Field: Circle Ridge
Total Depth
Location: NWSE Sec. 36, T7N-R3W

Well: Shoshone 65 77A
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490132163700

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,292.00 KB Elevation: 7,302.00 On Production Date:

SHOSHONE-65 77A, 1/28/2022 2:07:21 PM MD (ftKB) Vertical schematic (actual) -52.5 0.0 4.9 ARANG MENGRANAN 9.8 16; 10.0-40.0; No details on type or weight of conductor pipe. Used the first choice in the picklist.

Des:Conductor Cement; Depth MD:10.0-50.0 ftKB; Date:1/15/1991; Com:Cemented to surface w/5 Cu. Yd. of Ready Mix.; Top MD: 10.0 ftKB; Btm MD:50.0 ftKB 40.0 44.9 Des:Surface Casing Cement; Depth MD:10.0-203.0 ftKB; Date:1/16/1991; Com:Cmt. to Surface with 176 cu. ft. Class "G" (153 sxs); Top MD:10.0 ftKB; Etm MD:203.0 ftKB 49.9 8 5/8: 10.0-203.0 126.5 203.1 224.1 245.1 247.5 250.0 5 1/2: 10.0-2.072.0 Grigoria (18.0-2). (18.0-2 1,075.0 1.899.9 1,902.4 -Cmt. Retainer; 1,900.0-1,905.0 1,904.9 1.932.4 1,960.0 1,973.4 -Perf; 1,960.0-1,987.0; 2/20/1998 1,986.9 2,005.9 2,024.9 2,030.5 2.036.1 -Perf; 2,025.0-2,049.0; 2/20/1998 2.042.5 2 048 9 2.058.9 Des:Cement Plug; Depth MD:2,069.0-2,072.0 ftKB; Date:1/23/1991; Com:Cmt plugback in 5-1/2" csg.; Top MD:2,069.0 ftKB; Btm MD:2,072.0 ftKB 2,068.9 2,070.4 Des:PBTD Cement Plug; Depth MD:2,072.0-2,100.0 ftKB; Date:1/23/1991; Com:Cmt plug for PBTD. This portion covers the cmt in OH.; Top MD:2,072.0 ftKB; Btm MD:2,100.0 ftKB 2,071.9 2,086.0 2,100.1 2,152.6 Report Printed: 1/28/2022 Page 1/1



## Plug and Abandonment Procedure

#### **Well Information**

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 1,250' FSL & 2,970' FEL Section 36 T7N R3W

Lat/Long: 43.53612, -109.06314

API#: 4901321497

Ground level elevation	7,209'	KB Elevation:	7,219'	
TD:	1,720'	PBTD:	1,705'	
Surface Casing:	8-5/8", 24 #/ft, K-55, @ 70'			
Surface Casing Cement:	Unknown (Completion re	Unknown (Completion report shows cement to surface)		
Surface Casing TOC:	Surface Source: Completion Rep			
Production Casing;	5-1/2", 15.5 #/ft, K-55, @ 1,720'			
<b>Production Casing Cement</b>	210 sx			
<b>Production Casing TOC</b>	315'	Source:	Calculation	
Production Tubing	No tubing in the well			
Open perforations	Tensleep Perfs: 1,520' – 1,720' Stuck Packer @ 1,705'			
Well Status	Shut In Injector			

**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to PBTD.
- 3. RIH and set CICR 50' above top perforation at 1,470'.
- 4. Sting into CICR and pump 1.5x wellbore volume (45 sx) of cement below CICR.
- 5. Sting out of CICR, pump 75 sx on top of retainer (TOC to at least 829').
- 6. WOC 24 hours.
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. Perforate circulation hole 200' from surface in production casing.
- 9. RIH with 2-3/8" 4.9# tubing to 190' below surface and circulate cement to surface outside Production casing through perforation.
- 10. Pump balanced plug to surface inside production casing.
- 11. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 13.12. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

MERIT ENERGY COMFANY Field: Circle Ridge Total Depth Well: Shoshone 65 68
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490132149700

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,209.00 KB Elevation: 7,219.00 On Production Date: 11/1/2000

Location: SESW Sec. 36, 7N-3W

